

PCT/DE2003/004118

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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

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anslation internation	ONAL PRELIMINARY EXAMIN	ATION REPORT		
	(PCT Article 36 and Rule 70)			
Applicant's or agent's file reference PI/Br 00699-PCT	FOR FURTHER ACTION See Notifi	cation of Transmittal of Internation		
International application No. PCT/DE2003/004118	International filing date (day/month/year) 19 December 2003 (19.12.2003)	1 0000 (majimontalyear)		
International Patent Classification (IPC) or na B60J 7/14	tional classification and IPC	09 January 2003 (09.01.2003		
Applicant				
	WILHELM KARMANN GMBH			
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This report is also accompanied amended and are the basis for the 70.16 and Section 607 of the Action 607.	5 sheets, including this cover she by ANNEXES, i.e., sheets of the description his report and/or sheets containing rectificated dministrative Instructions under the PCT).			
These annexes consist of a total	of A share			
	of 4 sheets.			
3. This report contains indications relating				
3. This report contains indications relating I Basis of the report II Priority	g to the following items:	and industrial applicability		
3. This report contains indications relating I Basis of the report II Priority III Non-establishment of or IV Lack of unity of invention	g to the following items: pinion with regard to novelty, inventive step			
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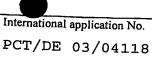
PCT/DE2003/004118

I. Basis of the report	FC1/DE2003/004118
1. With regard to the elements of the international application:*	
the international application as originally filed	
pages1-13	as priginally \$1.1
pages	, as originally filed , filed with the demand
, n	led with the letter of
the claims:	
pages	
pages	, as amended (together with any statement under Article 19
pages 1-11 fil	ed with the letter of, filed with the demand
the drawings:	07 September 2004 (07.09.2004)
pages 1/12 12/12	·
pages	, as originally filed
pages	, as originally filed, filed with the demand
the sequence listing and Silver to the sequence list and	ed with the letter of, filed with the demand
the sequence listing part of the description: pages	
	, as originally filed
pages	, as originally filed, filed with the demand
2. With regard to the language, all the elements marked above were available and the international application was filed, unless otherwise indicated under the company were available and filed.	d with the letter of
the language of publication of the international application (under the language of the translation furnished for the purposes of internation or 55.3). 3. With regard to any nucleotide and/or amino acid sequence discler preliminary examination was carried out on the basis of the sequence listing contained in the international application in written form. If the filed together with the international application in computer readable furnished subsequently to this Authority in written form. If the statement that the subsequently furnished written sequence international application as filed has been furnished. The statement that the information recorded in computer readable forms.	osed in the international application, the international ng: de form. de listing does not go beyond the disclosure in the
The statement that the information recorded in computer readable been furnished.	le form is identical to the written sequence listing has
The amendments have resulted in the cancellation of:	ĺ
the description, pages	1
the claims, Nos.	1
the drawings, sheets/fig	1
This report has been established as if (some of) the amendments had beyond the disclosure as filed, as indicated in the Supplemental Box (
Replacement sheets which have been furnished to the receiving Office in re in this report as "originally filed" and are not annexed to this report and 70.17).	sponse to an invitation under Article 14 are referred to since they do not contain amondments (Puls 70.14
Any replacement sheet containing such amendments must be referred to und	er item I and annexed to this report.
orm PCT/IPEA/409 (Roy I) (Inh. 1000)	

International application No. PCT/DE 03/04118

v.	Reasoned statement under Article citations and explanations supporti	35(2) with regard to noveltying such statement	, inventive step or industrial app	licability;
1.	Statement			
	Novelty (N)	Claims	1-11	YES
		Claims		NO
	Inventive step (IS)	Claims	1-11	YES
		Claims		NO
	Industrial applicability (IA)	Claims	1-11	YES
		Claims		NO NO
	Citations and evaluations			

- Citations and explanations
 - 1. Reference is made to the following document: D1: DE 101 59 390 C (CTS FAHRZEUG DACHSYSTEME GMBH) 21 November 2002 (2002-11-21)
 - The present application meets the requirements of 2. PCT Article 33(1) because the subject matter of claim 1 is novel, involves an inventive step and is industrially applicable (PCT Article 33(2) to (4)).
 - D1 is considered the prior art closest to the 2.1 subject matter of claim 1. D1 discloses the preamble of claim 1 - see column 4, lines 11-21 and column 5, lines 29-31 (the references in parentheses relate to said document):
 - cabriolet vehicle with a roof (1) comprising at least two displaceable units (2, 3) each displaceably retained on main bearings fixed to the chassis and associated with at least one rigid roof section (2, 3), wherein a rear, rigid roof section (2) comprising a rear window is connected via a multi-part articulated chain (6) to a main bearing (14b, 15b) and wherein a part (8, 13) of the articulated chain causes at least a movement of the rigid roof section (2) relative



to the main bearing (14b, 15b) and a part (12, 16) of the articulated chain causes at least an alteration in the angular position of the rigid roof section (2), enabling the leading edge of the rear roof section (2) to be pivoted upwards when the roof begins to be opened.

The subject matter of claim 1 differs therefore from the known roof in that

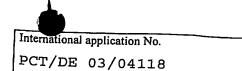
- at the same time, a front roof section can be displaced towards the rear so as to concertina the roof sections.

The subject matter of claim 1 is therefore novel (PCT Article 33(2)).

2.2 The problem addressed by the present invention can therefore be considered that of reducing the time it takes to open a roof provided with a plurality of separate displaceable units.

The solution to this problem proposed in claim 1 of the present application involves an inventive step (PCT Article 33(3)) for the following reasons: A multi-part articulated chain which controls the movement of the rear roof section in such a way as to enable the front roof section to be displaced rearwards, thereby bringing about a concertina effect, is neither known nor suggested by the available prior art.

- 3. Claims 2-11 are dependent on claim 1 and therefore likewise meet the PCT novelty and inventive step requirements.
- 4. The subject matter of the claims relates to a motor vehicle roof and is industrially applicable, for



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example	, in	cabriolet	vehicles.		